Amendments to the Claims

1. (Original) A method of treating fibers, textiles, or leather comprising applying to fibers, textiles, or leather 0.1-15 weight percent based on the weight of the fibers, textiles, or leather of a treatment composition comprising a blend containing a silicone resin component and a fluorocarbon component; the fluorocarbon component comprising one of an emulsion containing a fluoroalkyl acrylate copolymer or an emulsion containing a fluorinated polyurethane; the silicone resin component comprising one of (i) an aminofunctional silicone resin, (ii) an emulsion containing an aminofunctional silicone resin, (iii) a carbinol functional silicone resin, (iv) an emulsion containing a carbinol functional silicone resin, (v) an epoxy functional silicone resin, or (vi) an emulsion containing an epoxy functional silicone resin.

2. (Original) A method of treating fibers, textiles, or leather comprising applying to fibers, textiles, or leather 0.1-15 weight percent based on the weight of the fibers, textiles, or leather of a treatment composition comprising a blend containing a silicone resin component and a fluorocarbon component; the fluorocarbon component comprising at least one of an emulsion containing a fluoroalkyl acrylate copolymer or an emulsion containing a fluorinated polyurethane; the silicone resin component comprising at least one of (i) an aminofunctional silicone resin, (ii) an emulsion containing an aminofunctional silicone resin, (iii) a carbinol functional silicone resin, (iv) an emulsion containing a carbinol functional silicone resin, (v) an epoxy functional silicone resin, or (vi) an emulsion containing an epoxy functional silicone resin.

3. (Currently Amended) A method according to Claim ~~1 or~~ 2 in which the aminofunctional silicone resin comprises the units:

(i) $(R_3SiO_{1/2})_a$

(ii) $(R_2SiO_{2/2})_b$

(iii) $(RSiO_{3/2})_c$ and

(iv) $(SiO_{4/2})_d$

where R is independently an alkyl group, an aryl group, or an aminofunctional hydrocarbon group; a is greater than zero to 0.5; b is zero to 0.4; c is greater than zero to 0.93; d is less than 0.3; and the sum of a + b + c + d is one.

4. (Currently Amended) A method according to Claim ~~1 or~~ 2 in which the aminofunctional silicone resin is a resin containing units selected from the group consisting of:

I. the units:

(i) $((CH_3)_3SiO_{1/2})_a$

(ii) $(C_6H_5(CH_3)SiO_{2/2})_b$

(iii) $((CH_3)RSiO_{2/2})_b$

(iv) $(C_6H_5SiO_{3/2})_c$,

II. the units:

(i) $((CH_3)_3SiO_{1/2})_a$

(ii) $((CH_3)RSiO_{2/2})_b$

(iii) $(RSiO_{3/2})_c$

(iv) $(C_6H_5SiO_{3/2})_c$,

III. the units:

(i) $((CH_3)_3SiO_{1/2})_a$

(ii) $((CH_3)RSiO_{2/2})_b$

(iii) $(C_6H_5SiO_{3/2})_c$, and

V. the units:

(i) $((CH_3)_3SiO_{1/2})_a$

(ii) $(C_6H_5(CH_3)SiO_{2/2})_b$

(iii) $((CH_3)RSiO_{2/2})_b$

(iv) $(C_6H_5SiO_{3/2})_c$

(v) $(SiO_{4/2})_d$, wherein a, b, c, and d, are as defined above, and R is $-CH_2CH_2CH_2NH_2$.

5. (Currently Amended) A method according to ~~any of~~ Claims ~~1 to 4~~ 2 in which the carbinol functional silicone resin comprises the units:

$(R^1{}_3SiO_{1/2})_e$ (i)

$(R^2{}_2SiO_{2/2})_f$ (ii)

$(R^3SiO_{3/2})_g$ (iii) and

$(SiO_{4/2})_h$ (iv)

where R^1 and R^2 are independently a hydrogen atom, an alkyl group having 1-8 carbon atoms, an aryl group, a carbinol group having at least 3 carbon atoms and being free of aryl groups, or an aryl-containing carbinol group having at least 6 carbon atoms; R^3 is an alkyl group having 1-8 carbon atoms or an aryl group; e is less than 0.6; f is zero to 0.4; g is greater than zero; h is less than 0.5; the value of e + f + g + h is one; provided that when each R^2 is methyl, the value of f is less than 0.3.

6. (Currently Amended) A method according to ~~any of~~ Claims ~~1-4~~ 2 in which the carbinol functional silicone resin is a resin containing units selected from the group consisting of:

I. the units:

$((CH_3)_3SiO_{1/2})_e$

$((R^2)CH_3SiO_{2/2})_f$ where $R^2 = -(CH_2)_3C_6H_4OH$

$((C_6H_5)CH_3SiO_{2/2})f$ and

$(C_6H_5SiO_{3/2})_g$,

II. the units:

$((R^1)(CH_3)_2SiO_{1/2})_e$ where $R^1 = -(CH_2)_3C_6H_4OH$ and

$(C_6H_5SiO_{3/2})_g$,

III. the units:

$((R^1)(CH_3)_2SiO_{1/2})_e$ where $R^1 = -(CH_2)_3C_6H_4OH$ and

$(CH_3SiO_{3/2})_g$,

IV. the units:

$((R^1)(CH_3)_2SiO_{1/2})_e$ where $R^1 = -(CH_2)_3OH$ and

$(C_6H_5SiO_{3/2})_g$,

V. the units:

$((R^1)(CH_3)_2SiO_{1/2})_e$ where $R^1 = -(CH_2)_3OH$

$(CH_3SiO_{3/2})_g$ and

$(C_6H_5SiO_{3/2})_g$,

VI. the units:

$((CH_3)_3SiO_{1/2})_e$

$((R^2)CH_3SiO_{2/2})_f$ where $R^2 = -(CH_2)_3OH$

$((C_6H_5)CH_3SiO_{2/2})_f$ and

$(C_6H_5SiO_{3/2})_g$,

VII. the units:

$((CH_3)_3SiO_{1/2})_e$

$((R^1)(CH_3)_2SiO_{1/2})_e$ where $R^1 = -(CH_2)_3OH$ and

$(C_6H_5SiO_{3/2})_g$, and

VIII. the units:

$((R^1)(CH_3)_2SiO_{1/2})_e$ where $R^1 = -CH_2CH(CH_3)CH_2OH$

$((H)(CH_3)_2SiO_{1/2})_e$ and

$(C_6H_5SiO_{3/2})_g$,

where e is 0.3-0.5, f is 0-0.2, g is 0.5-0.8, and h is zero..

7. (Currently Amended) A method according to ~~any of~~ Claims ~~1 to 6~~ 2 in which the epoxy functional silicone resin comprises the units:

(i) $(R^7{}_3SiO_{1/2})_j$

(ii) $(R^7_2SiO_{2/2})_k$

(iii) $(R^7SiO_{3/2})_l$ and

(iv) $(SiO_{4/2})_m$.

where R^7 is independently a monovalent hydrocarbon group or an epoxyfunctional substituted hydrocarbon group having 1-18 carbon atoms; j is greater than zero to 0.6; k is zero to 0.4; l is greater than zero; and m is less than 0.3, the sum of j + k + l + m is equal to one; provided that 0.1-30 mole percent of silicon atoms in units (i), (ii), or (iii), are monovalently attached to the hydrocarbon groups containing epoxy or hydrolysis products thereof.

8. (Original) A composition for treating fibers, textiles, or leather comprising a blend containing a silicone resin component and a fluorocarbon component; the fluorocarbon component comprising one of an emulsion containing a fluoroalkyl acrylate copolymer, or an emulsion containing a fluorinated polyurethane; the silicone resin component comprising one of (i) an aminofunctional silicone resin, (ii) an emulsion containing an aminofunctional silicone resin, (iii) a carbinol functional silicone resin, (iv) an emulsion containing a carbinol functional silicone resin, (v) an epoxy functional silicone resin, or (vi) an emulsion containing an epoxy functional silicone resin.

9. (Original) A composition for treating fibers, textiles, or leather comprising a blend containing a silicone resin component and a fluorocarbon component; the fluorocarbon component comprising at least one of an emulsion containing a fluoroalkyl acrylate copolymer or an emulsion containing a fluorinated polyurethane; the silicone resin component comprising at least one of (i) an aminofunctional silicone resin, (ii) an emulsion containing an aminofunctional silicone resin, (iii) a carbinol functional silicone resin, (iv) an emulsion containing a carbinol functional silicone resin, (v) an epoxy functional silicone resin, or (vi) an emulsion containing an epoxy functional silicone resin.

10. (Currently Amended) A composition according to Claim ~~8 or~~ 9 in which the aminofunctional silicone resin comprises the units:

(i) $(R_3SiO_{1/2})_a$

(ii) $(R_2SiO_{2/2})_b$

(iii) $(RSiO_{3/2})_c$ and

(iv) $(SiO_{4/2})_d$

where R is independently an alkyl group, an aryl group, or an aminofunctional hydrocarbon group; a is greater than zero to 0.4; b is zero to 0.4; c is greater than zero to 0.93; d is less than 0.3; and the sum of a + b + c + d is one.

11. (Currently Amended) A composition according to Claim ~~8 or~~ 9 in which the aminofunctional silicone resin is a resin containing units selected from the group consisting of:

I. the units:

(i) $((CH_3)_3SiO_{1/2})_a$

(ii) $(C_6H_5(CH_3)SiO_{2/2})_b$

(iii) $((CH_3)RSiO_{2/2})_b$

(iv) $(C_6H_5SiO_{3/2})_c$,

II. the units:

(i) $((CH_3)_3SiO_{1/2})_a$

(ii) $((CH_3)RSiO_{2/2})_b$

(iii) $(RSiO_{3/2})_c$

(iv) $(C_6H_5SiO_{3/2})_c$,

III. the units:

(i) $((CH_3)_3SiO_{1/2})_a$

(ii) $((CH_3)RSiO_{2/2})_b$

(iii) $(C_6H_5SiO_{3/2})_c$, and

IV. the units:

(i) $((CH_3)_3SiO_{1/2})_a$

(ii) $(C_6H_5(CH_3)SiO_{2/2})_b$

(iii) $((CH_3)RSiO_{2/2})_b$

(iv) $(C_6H_5SiO_{3/2})_c$

(v) $(SiO_{4/2})_d$; wherein a, b, c, and d, are as defined above, and R is $-CH_2CH_2CH_2NH_2$.

12. (Currently Amended) A composition according to ~~any of~~ Claims ~~8-11~~ 9 in which the carbinol functional silicone resin comprises the units:

$(R^1{}_3SiO_{1/2})_e$ (i)

$(R^2{}_2SiO_{2/2})_f$ (ii)

$(R^3SiO_{3/2})_g$ (iii) and

$(SiO_{4/2})_h$ (iv)

where R^1 and R^2 are independently a hydrogen atom, an alkyl group having 1-8 carbon atoms, an aryl group, a carbinol group having at least 3 carbon atoms and being free of aryl groups, or an aryl-containing carbinol group having at least 6 carbon atoms; R^3 is an alkyl group having 1-8 carbon atoms or an aryl group; e is less than 0.6; f is zero to 0.4; g is greater than zero; h is less than 0.5; the value of e + f + g + h is one; provided that when each R^2 is methyl, the value of f is less than 0.3.

13. (Currently Amended) A composition according to ~~any of~~ Claims ~~8-11~~ 9 in which the carbinol functional silicone resin is a resin containing units selected from the group consisting of:

I. the units:

$((CH_3)_3SiO_{1/2})_e$

$((R^2)CH_3SiO_{2/2})_f$where $R^2 = -(CH_2)_3C_6H_4OH$

$((C_6H_5)CH_3SiO_{2/2})f$ and

$(C_6H_5SiO_{3/2})_g$,

II. the units:

$((R^1)(CH_3)_2SiO_{1/2})_e$ where $R^1 = -(CH_2)_3C_6H_4OH$ and

$(C_6H_5SiO_{3/2})_g$,

III. the units:

$((R^1)(CH_3)_2SiO_{1/2})_e$ where $R^1 = -(CH_2)_3C_6H_4OH$ and

$(CH_3SiO_{3/2})_g$,

IV. the units:

$((R^1)(CH_3)_2SiO_{1/2})_e$ where $R^1 = -(CH_2)_3OH$ and

$(C_6H_5SiO_{3/2})_g$,

V. the units:

$((R^1)(CH_3)_2SiO_{1/2})_e$ where $R^1 = -(CH_2)_3OH$

$(CH_3SiO_{3/2})_g$ and

$(C_6H_5SiO_{3/2})_g$,

VI. the units:

$((CH_3)_3SiO_{1/2})_e$

$((R^2)CH_3SiO_{2/2})_f$ where $R^2 = -(CH_2)_3OH$

$((C_6H_5)CH_3SiO_{2/2})_f$ and

$(C_6H_5SiO_{3/2})_g$,

VII. the units:

$((CH_3)_3SiO_{1/2})_e$

$((R^1)(CH_3)_2SiO_{1/2})_e$ where $R^1 = -(CH_2)_3OH$ and

$(C_6H_5SiO_{3/2})_g$, and

VIII. the units:

$((R^1)(CH_3)_2SiO_{1/2})_e$ where $R^1 = -CH_2CH(CH_3)CH_2OH$

$((H)(CH_3)_2SiO_{1/2})_e$ and

$(C_6H_5SiO_{3/2})_g$,

where e is 0.3-0.5, f is 0-0.2, g is 0.5-0.8, and h is zero.

14. (Currently Amended) A composition according to ~~any of~~ Claims ~~8-13~~ 9 in which the epoxy functional silicone resin comprises the units:

(i) $(R^7{}_3SiO_{1/2})_j$

(ii) $(R^7{}_2SiO_{2/2})_k$

(iii) $(R^7SiO_{3/2})_l$ and

(iv) $(SiO_{4/2})_m$.

where R^7 is independently a monovalent hydrocarbon group or an epoxyfunctional substituted hydrocarbon group having 1-18 carbon atoms; j is greater than zero to 0.6; k is zero to 0.4; l is greater than zero; and m is less than 0, the sum of j + k + l + m is equal to one; provided that 0.1-30 mole percent of silicon atoms in units (i), (ii), or (iii), are monovalently attached to the hydrocarbon groups containing epoxy or hydrolysis products thereof.